

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (original): A laminated structure comprising:
a substrate expecting a damping or soundproofing effect; and
laminated cured product layers formed from plurality of fluid resin compositions provided on the substrate,
wherein at least two of the cured product layers are different in hardness.
2. (original): The laminated structure according to claim 1,
wherein the hardest layer in the cured product layers has a hardness (JIS-D hardness) of 70 or more.
3. (original): The laminated structure according to claim 1,
wherein the hardest layer in the cured product layers has a thickness of 10 μm or more.
4. (original): The laminated structure according to claim 1,
wherein the softest layer in the cured product layers has a hardness (JIS-A hardness) of 80 or less.
5. (original): The laminated structure according to claim 1,
wherein the softest layer in the cured product layers has a thickness of 10 μm or less.

6. (original): The laminated structure according to claim 1,
wherein no part of the hardest layer in the cured product layers is directly formed on the
substrate.

7. (original): The laminated structure according to claim 6,
wherein the hardest layer in the above cured product layers is formed on the substrate via an
intermediate layer.

8. (original): The laminated structure according to claim 1,
wherein the cured product layers are composed of two layers.

9. (original): The laminated structure according to claim 1,
wherein the hardest layer in the cured product layers has a specific gravity of 1.4 or more.

10. (original): The laminated structure according to claim 1,
wherein the cured product layers are formed on at least part of the substrate.

11. (original): The laminated structure according to claim 1,
wherein the substrate has concave part on its surface,
wherein the cured product layers are formed on the concave part of the substrate.

12. (original): The laminated structure according to claim 1,

wherein the cured product layers are formed on at least one side of the substrate.

13. (original): The laminated structure according to claim 1,
wherein the cured product layers comprise plurality of cured product layers different in glass transition temperature.

14. (original): The laminated structure according to claim 1,
wherein the cured product layers are formed by applying and curing the fluid resin compositions.

15. (original): The laminated structure according to claim 1,
wherein the cured product layers are sequentially formed by applying and curing the respective fluid resin composition.

16. (original): The laminated structure according to claim 1,
wherein the substrate is a thin plate-shape having a thickness of 2 mm or less.

17. (original): The laminated structure according to claim 1,
wherein the substrate is a cover part for an apparatus generating vibration and sound.

18. (original): The laminated structure according to claim 1,
wherein the fluid resin compositions forming the cured product layers each has curability selected from the group consisting of energy beam curability, thermal curability, moisture curability, and multi-liquid mixing curability.

19. (original): The laminated structure according to claim 1, wherein the fluid resin compositions forming the cured product layers each contains no tin compound.

20. (original): The laminated structure according to claim 1, wherein the fluid resin compositions forming the each cured product layers each contains no low molecular weight siloxane.

21. (original): The laminated structure according to claim 1, wherein the fluid resin compositions forming the cured product layers each has a total content of anionic constituents of 100 ppm or less.

22. (original): The laminated structure according to claim 1, wherein the cured product layers each gives an outgas amount of 100 ppm or less.

23. (new): A damping or soundproofing method for a substrate by forming at least two layers on at least one portion of the substrate, wherein the at least two layers comprise:
a first cured product layer disposed on the substrate, wherein the first cured product layer is formed from a reactive fluid acrylic resin composition; and
a second cured product layer disposed on the first cured product layer, wherein the second cured product layer is formed from a reactive fluid epoxy resin composition.

24. (new): The damping or soundproofing method according to claim 23, wherein the at least two layers are formed by a process comprising:
forming the first cured product layer on the substrate; and
forming the second cured product layer on the first cured product layer.

25. (new): The damping or soundproofing method according to claim 23, wherein the at least two layers are formed by a process comprising:
applying the reactive fluid acrylic resin composition on the substrate to form a applied composition;
disposing the second cured product layer on the applied composition; and
curing the applied composition to form the first cured product layer.

26. (new): The damping or soundproofing method according to claim 23, wherein the first cured product layer is softer than the second cured product layer.

27. (new): The damping or soundproofing method according to claim 23, wherein the reactive fluid acrylic resin composition is a photo-curable acrylic resin composition.

28. (new): The damping or soundproofing method according to claim 23, wherein the reactive fluid acrylic resin composition comprises:
a composition including a resin selected from a group consisting of (meth)acrylic ester resin, urethane (meth)acrylate resin and epoxy(meth)acrylate resin; and
a photo-initiator.

29. (new): The damping or soundproofing method according to claim 28,

wherein the reactive fluid acrylic resin composition further comprises a (meth)acrylate monomer.

30. (new): The damping or soundproofing method according to claim 23, wherein the reactive fluid epoxy resin composition comprises:
a reactive resin having an epoxy group; and
a potent curing agent.

31. (new): The damping or soundproofing method according to claim 30, wherein the reactive fluid epoxy resin composition further comprises a filler.

32. (new): The damping or soundproofing method according to claim 31, wherein the filler comprises a metal powder.

33. (new): The damping or soundproofing method according to claim 23, wherein the second cured product layer has a hardness (JIS-D hardness) of 70 or more.

34. (new): The damping or soundproofing method according to claim 23, wherein the second cured product layer has a thickness of 10 μm or more.

35. (new): The damping or soundproofing method according to claim 23, wherein the second cured product layer has a specific gravity of 1.4 or more.

36. (new): The damping or soundproofing method according to claim 23, wherein the first cured product layer has a hardness (JIS-A hardness) of 80 or less.

37. (new): The damping or soundproofing method according to claim 23, wherein the first cured product layer has a thickness of 10 μm or more.

38. (new): The damping or soundproofing method according to claim 23, wherein no part of the second cured product layer is directly formed on the substrate.

39. (new): The damping or soundproofing method according to claim 23, wherein the substrate has a concave part on its surface, wherein the at least two layers are formed on the concave part.

40. (new): The damping or soundproofing method according to claim 23, wherein the at least two layers are formed on at least one surface of the substrate.

41. (new): The damping or soundproofing method according to claim 23, wherein the at least two layers comprise plurality of cured product layers different in glass transition temperature.

42. (new): The damping or soundproofing method according to claim 23, wherein the at least two layers are formed from fluid resin compositions each containing no tin compound.

43. (new): The damping or soundproofing method according to claim 23, wherein the at least two layers are formed from fluid resin compositions each containing no low molecular weight siloxane.

44. (new): The damping or soundproofing method according to claim 23, wherein the at least two layers comprise cured product layers each gives an outgas amount of 100 ppm or less.

45. (new): The damping or soundproofing method according to claim 23,

wherein the substrate is a cover part for a HDD.